PAIN

Pain 83 (1999) 641–644

www.elsevier.nl/locate/pain

Contents to Volume 83 (1999)

Number 1 – October 1999

EDITORIAL v

RESEARCH PAPERS

Corticotropin-releasing-hormone lacks analgesic properties: an experimental study in humans, using non-inflammatory pain
S. Lautenbacher, S. Roscher, G. Kohl, H. Vedder, J.-C. Krieg (Germany) 1
An epidemiological comparison of pain complaints in the general population of Catalonia (Spain)
A. Bassols, F. Bosch, M. Campillo, M. Cañellas, J.-E. Baños (Spain) 9
Antagonistic effects of naloxone and naloxonazine on sufentanil-induced antinociception and respiratory depression in rats
C. Verborgh, T.F. Meert (Belgium) 17
A comparison of faces scales for the measurement of pediatric pain: children's and parents' ratings
C.T. Chambers, K. Giesbrecht, K.D. Craig, S.M. Bennett, E. Huntsman (Canada) 25
Nerve constriction in the rat: model of neuropathic, surgical and central pain
G.M. Pitcher, J. Ritchie, J.L. Henry (Canada) 37
Supraspinal and spinal *delta*$_2$ opioid receptor-mediated antinociceptive synergy is mediated by spinal *alpha*$_2$ adrenoceptors
T.S. Grabow, R.W. Hurley, P.N. Banfor, D.L. Hammond (USA) 47
Generalizing from a controlled trial: the effects of patient preference versus randomization on the outcome of inpatient versus outpatient chronic pain management
A.C. de C Williams, M.K. Nicholas, P.H. Richardson, C.E. Pither, J. Fernandes (UK, Australia) 57
Primary hyperalgesia to mechanical and heat stimuli following subcutaneous bee venom injection into the plantar surface of hindpaw in the conscious rat: a comparative study with the formalin test
J. Chen, C. Luo, H.-L. Li, H.-S. Chen (People's Republic of China) 67
Pain and reduced mobility in complex regional pain syndrome I: outcome of a prospective randomised controlled clinical trial of adjuvant physical therapy versus occupational therapy
H.M. Oerlemans, R.A.B. Oostendorp, T. de Boo, R.J.A. Goris (The Netherlands, Belgium) 77
Tramadol relieves pain and allodynia in polyneuropathy: a randomised, double-blind, controlled trial
S.H. Sindrup, G. Andersen, C. Madsen, T. Smith, K. Brøsen, T.S. Jensen (Denmark) 85
A retrospective cohort study of post mastectomy pain syndrome
W.C.S. Smith, D. Bourne, J. Squair, D.O. Phillips, W.A. Chambers (UK) 91

CLINICAL NOTES

A case of spinal cord compression syndrome by a fibrotic mass presenting in a patient with an intrathecal pain management pump system
A. Langsam (USA) 97
Low-dose subcutaneous ketamine infusion and morphine tolerance
R.F. Bell (Norway) 101
200 mg daily of lamotrigine has no analgesic effect in neuropathic pain: a randomised, double-blind, placebo controlled trial
G. McCleane (UK) 105

LETTERS TO THE EDITOR

Some problems with wind-up and its calculation
F. Svendsen, K. Hole, A. Tjølsen (Norway) 109
Reply to Svendsen et al.
P.K. Eide, A. Stubhaug (Norway) 111
The role of sex hormones in pain response
K.R. Johns, G.O. Littlejohn (Australia) 112
Reproductive hormones and the modulation of muscle pain, reply to Johns and Littlejohn
G.B. Rollman, E.G. Hapidou (Canada) 113

Number 2 – November 1999

RESEARCH PAPERS

Lesions of the dorsolateral funiculus block supraspinal opioid delta receptor mediated antinociception in the rat
C.J. Kovelowski, M.H. Ossipov, V.J. Hruby, F. Porreca (USA) 115
Cold-evoked pain varies with skin type and cooling rate: a psychophysical study in humans
J.L.K. Harrison, K.D. Davis (Canada) 123
Effects of noradrenergic and serotonergic antidepressants on chronic low back pain intensity
J.H. Atkinson, M.A. Slater, D.R. Wahlgren, R.A. Williams, S. Zisook, S.D. Pruitt, J.E. Epping-Jordan, T.L. Patterson, I. Grant, I. Abramson, S.R. Garfin (USA) 137
An analysis of factors that contribute to the magnitude of placebo analgesia in an experimental paradigm
D.D. Price, L.S. Milling, I. Kirsch, A. Duff, G.H. Montgomery, S.S. Nicholls (USA) 147
Comparative reliability and validity of chronic pain intensity measures
M.P. Jensen, J.A. Turner, J.M. Romano, L.D. Fisher (USA) 157
Evidence for an inflammation-induced change in the local glutamatergic regulation of postganglionic sympathetic efferents
R.E. Coggeshall, S.M. Carlton (USA) 163
Neuropathic pain from an experimental neuritis of the rat sciatic nerve
E. Eliav, U. Herzberg, M.A. Ruda, G.J. Bennett (USA) 169
Why is depression comorbid with chronic myofascial face pain? A family study test of alternative hypotheses
B.P. Dohrenwend, K.G. Raphael, J.J. Marbach, R.M. Gallagher (USA) 183
Percutaneous electrical nerve stimulation: an alternative to TENS in the management of sciatica
E.A. Ghoname, P.F. White, H.E. Ahmed, M.A. Hamza, W.F. Craig, C.E. Noe (USA) 193
Responsiveness of general health status in chronic low back pain: a comparison of the COOP Charts and the SF-36
G. Bronfort, L.M. Bouter (USA, The Netherlands) 201
Complex regional pain syndrome: are the IASP diagnostic criteria valid and sufficiently comprehensive?
R.N. Harden, S. Bruehl, B.S. Galer, S. Saltz, M. Bertram, M. Backonja, R. Gayles, N. Rudin, M.K. Bhugra, M. Stanton-Hicks (USA) 211
Prostaglandin E_2 has antinociceptive effect through EP_1 receptor in the ventromedial hypothalamus in rats
M. Hosoi, T. Oka, M. Abe, T. Hori, H. Yamamoto, K. Mine, C. Kubo (Japan) 221
Generalised muscular hyperalgesia in chronic whiplash syndrome
M. Koelbaek Johansen, T. Graven-Nielsen, A. Schou Olesen, L. Arendt-Nielsen (Denmark) 229
Randomised clinical trial comparing the effects of acupuncture and a newly designed placebo needle in rotator cuff tendinitis
J. Kleinhenz, K. Streitberger, J. Windeler, A. Güßbacher, G. Mavridis, E. Martin (Germany) 235
Estrogen-induced alterations of spinal cord enkephalin gene expression
Å. Amandusson, M. Hallbeck, A.-L. Hallbeck, O. Hermanson, A. Blomqvist (Sweden) 243
Effects of intraplantar morphine on paw edema and pain-related behaviour in a rat model of repeated acute inflammation
S. Perrot, G. Guilbaud, V. Kayser (France) 249
Electrical stimulation of motor cortex for pain control: a combined PET-scan and electrophysiological study
L. García-Larrea, R. Peyron, P. Mertens, M.C. Gregoire, F. Lavenne, D. Le Bars, P. Convers, F. Mauguière, M. Sindou, B. Laurent (France) 259
Acute pain threshold in subjects with chronic pain following spinal cord injury
R. Defrin, A. Ohry, N. Blumen, G. Urca (Israel) 275
N of 1 randomised controlled trials of oral ketamine in patients with chronic pain
D.R. Haines, S.P. Gaines (UK) 283
Heat-induced release of CGRP from isolated rat skin and effects of bradykinin and the protein kinase C activator PMA
F. Kessler, C. Habelt, B. Averbeck, P.W. Reeh, M. Kress (Germany) 289
Postoperative recovery evaluated with a new, tactile scale (TaS) in children undergoing ophthalmic surgery
D. Westerling (Sweden, USA) 297
Detection of static and dynamic components of mechanical allodynia in rat models of neuropathic pain: are they signalled by distinct primary sensory neurones?
M.J. Field, S. Bramwell, J. Hughes, L. Singh (UK) 303
Hyposecretion of adrenal androgens and the relation of serum adrenal steroids, serotonin and insulin-like growth factor-1 to clinical features in women with fibromyalgia
P.H. Dessein, E.A. Shipton, B.I. Joffe, D.P. Hadebe, A.E. Stanwix, B.A. Van der Merwe (South Africa) 313
The NMDA receptor antagonist MK-801 attenuates c-Fos expression in the lumbosacral spinal cord following repetitive noxious and non-noxious colorectal distention
Q.Z. Zhai, R.J. Traub (USA) 321
Sex differences in pain perception and cardiovascular responses in persons with parental history for hypertension
M. al'Absi, T.W. Buchanan, A. Marrero, W.R. Lovallo (USA) 331
The kappa opioid nalbuphine produces gender- and dose-dependent analgesia and antianalgesia in patients with postoperative pain
R.W. Gear, C. Miaskowski, N.C. Gordon, S.M. Paul, P.H. Heller, J.D. Levine (USA) 339
Parenterally administered kainic acid induces a persistent hyperalgesia in the mouse and rat
S.L. Giovengo, K.F. Kitto, H.J. Kurtz, R.A. Velázquez, A.A. Larson (USA) 347
Gestational and ovarian sex steroid antinociception: relevance of uterine afferent and spinal α_2-noradrenergic activity
N.-J. Liu, A.R. Gintzler (USA) 359
Prediction of physician visits and prescription medicine use for back pain
K.W. Saunders, M. Von Korff, S.D. Pruitt, J.E. Moore (USA) 369

CLINICAL NOTES

Supraclavicular glomus tumor, 20 year history of undiagnosed shoulder pain: a case report
R.F. Ghaly, A.M. Ring (USA) 379
Positive effect of regional analgesia (RA) in terminal stage paediatric chondrosarcoma: a case report and the review of the literature
M.C. Queinnec, M. Estève, J.-B. Vedrenne (France) 383

ERRATUM

387

Number 3 – December 1999

Publisher's note vii

REVIEW ARTICLE

Efficacy of pharmacological treatments of neuropathic pain: an update and effect related to mechanism of drug action
S.H. Sindrup, T.S. Jensen (Denmark) 389

RESEARCH PAPERS

Chronic thalamotomy increases pain-related behavior in rats
N.E. Saadé, A.I. Kafrouni, C.Y. Saab, S.F. Atweh, S.J. Jabbur (Lebanon) 401
Effects of naloxone on nitrous oxide actions in healthy volunteers
J.P. Zacny, A. Conran, H. Pardo, D.W. Coalson, M. Black, P.A. Klock, J.M. Klafta (USA) 411
The relationship of sex and clinical pain to experimental pain responses
R.B. Fillingim, R.R. Edwards, T. Powell (USA) 419
Hypoalgesia elicited by a conditioned stimulus is blocked by a μ, but not a δ or a κ, opioid antagonist injected into the rostral ventromedial medulla
H. Foo, F.J. Helmstetter (Australia, USA) 427
Combined systemic administration of the glycine/NMDA receptor antagonist, (+)-HA966 and morphine attenuates pain-related behaviour in a rat model of trigeminal neuropathic pain
D. Christensen, M. Gautron, G. Guilbaud, V. Kayser (France) 433
Modulation of an inhibitory reflex in single motor units in human masseter by tonic painful stimulation
P. Svensson, A.S. McMillan, T. Graven-Nielsen, K. Wang, L. Arendt-Nielsen (Denmark, Hong Kong) 441
Effects of combined hemotoxic and anterolateral spinal lesions on nociceptive sensitivity
C.J. Vierck Jr, A.R. Light (USA) 447
A PET activation study of dynamic mechanical allodynia in patients with mononeuropathy
P. Petrovic, M. Ingvar, S. Stone-Elander, K.M. Petersson, P. Hansson (Sweden) 459
Effects of a brief and economical intervention in preparing patients for surgery: does coping style matter?
J. Miró, R.M. Raich (Spain) 471
Dynamic adjustments of walking behavior dependent on noxious input in experimental low back pain
R. Moe-Nilssen, A.E. Ljunggren, E. Torebjörk (Norway, Sweden) 477
Spatio-temporal pattern of induction of bradykinin receptors and inflammation in rat dorsal root ganglia after unilateral nerve ligation
A. Eckert, G. Segond von Banchet, S. Sopper, M. Petersen (Germany) 487
Pain perception, somatosensory event-related potentials and skin conductance responses to painful stimuli in high, mid, and low hypnotizable subjects: effects of differential pain reduction strategies
V. De Pascalis, M.R. Magurano, A. Bellusci (Italy) 499
Lack of cross-tolerance between the antinociceptive effects of systemic morphine and asimadoline, a peripherally-selective κ-opioid agonist, in CCI-neuropathic rats
J. Walker, G. Catheline, G. Guilbaud, V. Kayser (Australia, France) 509
Dorsal horn NMDA receptor function is changed after peripheral inflammation
F. Svendsen, L.J. Rygh, K. Hole, A. Tjølsen (Norway) 517
Intraarticular morphine versus dexamethasone in chronic arthritis
A. Stein, A. Yassouridis, C. Szopko, K. Helmke, C. Stein (Germany) 525
Accuracy of recall of usual pain intensity in back pain patients
J.E. Bolton (UK) 533
Plasma levels of substance P, neuropeptide Y and vasoactive intestinal polypeptide in patients with chronic tension-type headache
M. Ashina, L. Bendtsen, R. Jensen, R. Ekman, J. Olesen (Denmark, Sweden) 541
Occlusal treatments in temporomandibular disorders: a qualitative systematic review of randomized controlled trials
H. Forssell, E. Kalso, P. Koskela, R. Vehmanen, P. Puukka, P. Alanen (Finland) 549
Improving the efficiency of the formalin test
F.V. Abbott, R. Ocvirk, R. Najafee, K.B.J. Franklin (Canada) 561
The three dimensions of headache impact: pain, disability and affective distress
K.A. Holroyd, P. Malinoski, M.K. Davis, G.L. Lipchik (USA) 571
Brief and prolonged effects of Lissauer tract stimulation on dorsal horn cells
P.D. Wall, M. Lidierth, P. Hillman (UK, Israel) 579

Plasticity of sodium channel expression in DRG neurons in the chronic constriction injury model of neuropathic pain
S.D. Dib-Hajj, J. Fjell, T.R. Cummins, Z. Zheng, K. Fried, R. LaMotte, J.A. Black, S.G. Waxman (USA, Sweden) 591
Everyday life with osteoarthritis or rheumatoid arthritis: independent effects of disease and gender on daily pain, mood, and coping
G. Affleck, H. Tennen, F.J. Keefe, J.C. Lefebvre, S. Kashikar-Zuck, K. Wright, K. Starr, D.S. Caldwell (USA) 601
Suckling- and sucrose-induced analgesia in human newborns
E.M. Blass, L.B. Watt (USA) 611

CLINICAL NOTES

Pain relief of oral ulcer by dibucaine-film
K. Yamamura, T. Yotsuyanagi, T. Okamoto, T. Nabeshima (Japan) 625
Diabetic neuropathic pain in a leg amputated 44 years previously
S.M. Rajbhandari, J.A. Jarratt, P.D. Griffiths, J.D. Ward (UK) 627
Effects of intravenous methylnaltrexone on opioid-induced gut motility and transit time changes in subjects receiving chronic methadone therapy: a pilot study
C.S. Yuan, J.F. Foss, M. O'Connor, J. Osinski, M.F. Roizen, J. Moss (USA) 631

Author Index to Volume 83 637
Contents to Volume 83 641